

CURRICULUM VITAE

Personal Information

Name: David Mamdouh Khalaf Kamel

Date of Birth: 07-09-1986

Place of Birth: Assiut, Egypt

Marital Status: Married

Military Service: Exempted

Citizenship: Egyptian

Work: Assistant lecturer at Botany & Microbiology Department,
Assiut University, Assiut, Egypt

Academic Field: Microbiology (Bacteriology)

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Educational Qualifications

1. B. Sc. 2007. Botany, Faculty of Science, Assiut University, Egypt
2. M. Sc. 2012. Botany, Faculty of Science, Assiut University, Egypt

Academic degree

- Assistant Lecturer, Department of Botany and Microbiology, Faculty of Science, Assiut University, Egypt, 2012
- Demonstrator, Department of Botany and Microbiology, Faculty of Science, Assiut University, Egypt, 2007

Conferences

1. The First Conference of Biological Sciences, Faculty of Science, Assiut University, March 4-5th 2009. I had attended and participated in the activities of this conference.
2. The Third Conference for Young Researchers, Basic Science & Technology, Assiut, Egypt 19-20 April, 2011. I had presented a Poster entitled: " Amelioration of negative effect of soil alkalinity on *Vicia faba* L. ASU 84 plant using some bioagents "

Training Courses

- 1- "Applications of Biotechnology" from 12-14 April 2010 at Genetics Department, Faculty of Agriculture, Assiut University.
- 2- "The Training Workshop on HPLC and GC-Ms" from 7-8 April 2012 at Pharmaceutical Services Center (PSC), Faculty of Pharmacy, Assiut University.

Membership activities

- 1- Member of Egyptian Syndicate of Scientific Professions

Research interest

1. Bio-fertilizers
2. Biological nitrogen fixation
3. Bacteriology
4. Plant-Microbe interaction
5. Plant stress and development
6. Environmental stresses
7. Biofuel
8. Molecular Biology

Projects

- 1- Researcher in the project "**Enhancing biological nitrogen fixation of some legumes**" awarded from Science and Technology Development Fund, 2009-2011, Egypt. The principle investigator **Prof. Dr. Mohamed Hemida Abd-Alla**.
- 2- Researcher in the project "**Biofuel production from agro-industrial wastes by clostridia**" awarded from Science and Technology Development Fund, 2010 (No. 1011), Egypt. The principle investigator **Prof. Dr. Mohamed Hemida Abd-Alla**.

Undergraduate activities

1- I had participated in the "Biodiversity Monitoring Programme Course" at St. Katherine Protectorate, South Sinai, Egypt, 2006 funded by **The British Council, Conservation Egypt and Operation Wallacea.**

Teaching Experiences

Teaching the following practical courses:

Bacteriology, Microbial Ecology, Microbial Symbiosis, Microbial Metabolism, Industrial Microbiology, Plant Physiology, Plant Ecology, General Botany, Plant Morphology and Anatomy, Plant Kingdom.

Computer Skills

Microsoft Excel, Microsoft Word, Microsoft PowerPoint, MStat C and SPSS.

Languages

- 1- Arabic: maternal language
- 2- English: Good in reading, writing and speaking
- 3- German: A2 from Kreuzberg Bonn-Sprachinsitut

Publications

- 1- Abd-Alla, M. H., Nafady, N. A., & Khalaf, D. M. (2016). Assessment of silver nanoparticles contamination on faba bean-*Rhizobium leguminosarum* bv. *viciae*-*Glomus aggregatum* symbiosis: Implications for induction of autophagy process in root nodule. *Agriculture, Ecosystems & Environment*, 218: 163-177.
- 2- Abd-Alla, M. H., El-Enany, A. W. E., Nafady, N. A., Khalaf, D. M., & Morsy, F. M. (2014). Synergistic interaction of *Rhizobium leguminosarum* bv. *viciae* and arbuscular mycorrhizal fungi as a plant growth promoting biofertilizers for faba bean (*Vicia faba* L.) in alkaline soil. *Microbiological Research*, 169: 49-58.